CLAIMS

1. A method of arranging communication in a local area networking system comprising a first device, a second device and an intermediate node for arranging data transmission between the first device and the second device, wherein at least the second device is arranged to multicast and/or broadcast messages to devices in the system, c h a r a c t e r i z e d by
preventing the transmission of at least some of the multicast and/or broadcast messages to the first device by the intermediate node.

2. A method as claimed in claim 1, c h a r a c t e r i z e d in that the intermediate node is arranged to connect networks that use different data transmission protocols.

3. A method as claimed in claim 1 or 2, c h a r a c t e r i z e d by checking the destination IP address of a received packet by the intermediate node,
comparing the destination IP address of the packet with at least one predetermined multicast/broadcast address, and
preventing the transmission of the packet if the addresses match.

4. A method as claimed in claim 1, 2 or 3, c h a r a c t e r i z e d in that the first device belongs to the MHS domain of a UPnP system and the second device belongs to the HNv1 domain of the UPnP system.

5. A method as claimed in claim 4, c h a r a c t e r i z e d in that the transmission of UPnP discovery multicast messages to the first device is prevented.

6. A local area networking system comprising a first device, a second device and an intermediate node for arranging data transmission between the first device and the second device, wherein at least the second device is arranged to multicast and/or broadcast messages to devices in the system, c h a r a c t e r i z e d in that
intermediate node is arranged to prevent the transmission of at least some of the multicast and/or broadcast messages to the first device.

7. A data processing device for a local area networking system, the data processing device being an intermediate node arranging data transmission between a first device and a second device c h a r a c t e r i z e d in that
the data processing device is arranged to prevent the transmission of at least some of the multicast and/or broadcast messages to the first device.

8. A data processing device according to claim 7, c h a r a c t e r - i z e d in that

the data processing device is arranged to connect networks that use different data transmission protocols.

5   9. A data processing device according to claim 8, c h a r a c t e r - i z e d in that

the data processing device is arranged to perform data transmission between an IEEE 802-based network to which the second device belongs and a Bluetooth network to which the first device belongs.

10   10. A data processing device according to claim 7, 8, or 9, c h a r - a c t e r i z e d in that the data processing device is arranged to check the destination IP address of a received packet,

the data processing device is arranged to compare the destination IP address of the packet with at least one predetermined multicast/broadcast

15   address, and

the data processing device is arranged to prevent the transmission of the packet if the addresses match.

11. A data processing device according to any preceding claim 7 - 10, c h a r a c t e r i z e d in that

20   the data processing device is arranged to provide data transmission between the first device belonging to the MHS domain of a UPnP system and the second device belonging to the HNv1 domain of the UPnP system.

12. A data processing device according to claim 11, c h a r a c t e r - i z e d in that

25   the data processing device is arranged to prevent transmission of UPnP discovery multicast messages to the first device, and

the data processing device is arranged to forward at least the broadcast messages relating to address acquisition to the first device.

13. A data processing device according to any preceding claim 7 - 30   12, c h a r a c t e r i z e d in that

the data processing device is arranged to compare one or more properties of the message to the properties specified in predetermined trans- mission conditions to determine whether the message should be transferred to the first device.

35   14. Module for controlling a data processing device for a local area networking system, c h a r a c t e r i z e d in that

the module is arranged to cause the data processing device to pre-vent the transmission of at least some multicast and/or broadcast messages from a second device to a first device.

15. A computer program product for controlling a data processing device for a local area networking system by executing the program code included in the computer product in a processor of the data processing device, c h a r a c t e r i z e d in that the computer product comprises:

a program code portion for causing the data processing device to prevent the transmission of at least some multicast and/or broadcast messages from a second device to a first device.